```
<!--StartFragment-->RESULT 2
US-10-363-798A-2
; Sequence 2, Application US/10363798A
; Patent No. 7396644
; GENERAL INFORMATION
; APPLICANT: Shanghai Research Center of Biotechnology, Chinese Academy of Sciences
; APPLICANT: KONG, Xiangvin et al.
; TITLE OF INVENTION: METHOD OF DIAGNOSING AND TREATING DENTINOGENESIS IMPERFECTA TYP
; FILE REFERENCE: 004121 PC
; CURRENT APPLICATION NUMBER: US/10/363,798A
; CURRENT FILING DATE: 2003-03-05
 PRIOR APPLICATION NUMBER: CN 00125042.6
 PRIOR FILING DATE: 2000-09-05
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 1253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-363-798A-2
                68.2%; Score 1900.5; DB 3; Length 1253;
 Query Match
 Best Local Similarity 51.3%; Pred. No. 6e-139;
 Matches 455; Conservative 43; Mismatches 66; Indels 323; Gaps 12;
Qv
        1 GIETEGPNKGNKSIITKESGKLSGSKDSNGHQGVELDKRNSPKQGESDKPQGTAEKSAAH 60
         Db
      375 GIEIKGPSSGNRN-ITKEVGKGNEGKEDKGOHGMILGKGNVKTOGEVVNIEGPGOKSEPG 433
       61 SNLGHSRIGSSSNSDGHDSYEFDDESMOGDDPKSSDESNGSDESDTNSESANESGSRGDA 120
Qy
         434 NKVGHSNTGSDSNSDGYDSYDFDDKSMQGDDPNSSDESNGND--DANSESDNNSSSRGDA 491
      121 SYTSDESSDDDNDSDSHAGEDDSSDDSSGDGDSDSNGDG----- 159
Qv
         11 1111 1: 1 111 111 11 :1 :11111:1
Dh
      492 SYNSDESKDNGNGSDSKGAEDDDSDSTSDTNNSDSNGNGNDDNDKSDSGKGKSDSSD 551
Qv
      160 -----DSESEDKDESDSSDHDNSSDSESKSDSS 187
                              11:1 1 :11111 11111 11111
nh
      188 DSSD------DSSDSSDSSDSSDSSDSSDSSDSSDSSDS 217
0v
Db
      612 DSSDSSDSSDSKSDSSKSESDSSDSSDSSDSSDSSDSSDSSDSSDSSNSSDSSDS 671
      218 SDSSDSNSSSDS----- 229
Qy
Dh
      Qv
      230 SDSSGSSDSSDTCDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSD=---- 276
         Db
      Db
      306 D----- 306
Qу
      Db
```

Qу	307	SDS	310
Db	912	SNSSDSSDSSDSSDSSBSSDSSDSSDSSDSSDSSDSSDSSDS	971
QУ	311	SDSSSSDSSSSSNSSDSSDSSDSSDSSDSSDSSDSSDSSSSSSSS	352
Db	972	SDSNSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSD	1031
Qу	353	GSSDSSDSSASSDSSSSSSSDSSDSSDSSDSSDSSDSSDSSESSDSSNSSDSSDSS	409
Db	1032	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	1091
Qу	410	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	469
Db	1092	DSSESSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSD	1151
Qу	470	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	528
Db	1152	DSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSSDSS	1211
Qy	529	DSSSDSSDGDSKSGNGNSDSNSDSNSDSDSDSEGSDSNHSTSDD 572	
Db	1212	DSTSDSNDESDSQSKSGNGNNNGSDSDSDSEGSDSNHSTSDD 1253	

<!--EndFragment-->